WHAT IS CLAIMED IS:

1. A power roller bearing for rotatably supporting a power roller of a toroidal-type continuously variable transmission, comprising:

an inner ring;

an outer ring;

a plurality of balls respectively interposed between the inner and outer rings; and,

a retainer for holding the balls therein,

wherein the retainer includes a plurality of pockets for storing the balls therein at equi-distant positions in the peripheral direction of the retainer, and the inner peripheral portions of the pockets are respectively formed of elastic material that, when the power roller rotates, allows the balls to shift from the equi-distant positions.

2. The power roller bearing as set forth in Claim 1, wherein the inside diameter of each of the pockets is larger than the outside diameter of each of the balls, the inside diameter of the opening of the pocket is smaller than the outside diameter of the ball, and the opening has such elasticity that allows the opening to spread out to a size equal to or larger than the outside diameter of the ball.

3. A power roller bearing for rotatably supporting a power

roller of a toroidal-type continuously variable transmission, comprising:

an inner ring;

an outer ring;

a plurality of balls respectively interposed between the inner and outer rings; and,

a retainer for holding the balls therein,

wherein the retainer includes a plurality of pockets for storing the balls therein at equi-distant positions in the peripheral direction of the retainer and, in the inner peripheral portion of each of the pockets, there are disposed at least one of suspension mechanisms that, when the power roller rotates, allow the balls to shift from the equi-distant positions.

4. The power roller bearing as set forth in Claim 3, wherein a pair of suspension mechanisms are disposed in the interior of their associated pocket so as to be opposed to each other with their associated ball between them.

5. The power roller bearing as set forth in Claim 4, wherein each of the balls can be inserted into and removed from the associated pocket and, in a state where the associated ball is inserted in the associated pocket, the ball is held by the pair of suspension mechanisms.